

REMARKS

Status of Present Application

A Notice of Allowance was issued on May 16, 2006 in the present application, which Applicants appreciate. Applicants have become aware of possible interfering subject matter between the present application and US Patent 6,911,772. Accordingly, Applicants are filing a RCE and this amendment to add a new claim to suggest an interference with the '772 patent. Please charge our deposit account 50/1039 for any fee due for this new claim and these submissions.

Interference Suggestion

Pursuant to 37 CFR §41.202, Applicants suggest the declaration of an interference with an issued patent.

1. In accordance with 37 CFR §41.202(a)(1), the interfering patent is Cok et al., USP 6,911,772 issued on June 28, 2005 to Eastman Kodak Company.

2. In accordance with 37 CFR §41.202(a)(2), Claim 1 of the '772 patent corresponds to Count I; new Claim 56 of the present application corresponds to Count I.

The proposed count is as follows:

COUNT I

An OLED display device for displaying a color image, the display device being viewed from a front side, comprising:

a) a plurality of OLED elements including first color elements that emit a first color of light and second color elements that emit a second color of light different from the first color, each OLED element comprising a first electrode further from the front side, a second electrode closer to the front side, and an organic electroluminescent element between the first and second electrodes;

b) where the first electrode of each OLED element is reflective, or a reflector is located behind the OLED elements; and

c) a corresponding plurality of color filter elements aligned with the OLED elements, including first and second color filters for passing the first or second color of light emitted by the corresponding OLED element, and blocking other colors of light, wherein the first and second color filters pass greater than 80% of the first or second color of light emitted by the corresponding aligned OLED element.

New Claim 56 of the present application corresponds exactly to Count I, and therefore, in accordance with 37 CFR §41.207(b)(2), the count would have anticipated the subject matter of this claim, if the count was prior art.

Claim 1 of the '772 patent corresponds exactly to Count I, and therefore, in accordance with 37 CFR §41.207(b)(2), the count would have anticipated the subject matter of this claim, if the count was prior art.

3. In accordance with 37 CFR §41.202(a)(3), Applicants are providing a claim chart for the count comparing at least one claim of each party corresponding to the count and showing why the claims interfere within §41.203(a):

Claim of Present Application	Claim of '772 Patent	Comparison
56. An OLED display device for displaying a color image, the display device being viewed from a front side, comprising:	1. An OLED display device for displaying a color image, the display device being viewed from a front side, comprising:	Limitation identical and anticipated.
a) a plurality of OLED elements including first color elements that emit a first color of light and second color elements that emit a second color of light different from the first color, each OLED element comprising a first electrode further from the front side, a second electrode closer to the front side, and an organic electroluminescent element between the first and second electrodes;	a) a plurality of OLED elements including first color elements that emit a first color of light and second color elements that emit a second color of light different from the first color, each OLED element comprising a first electrode further from the front side, a second electrode closer to the front side, and an organic electroluminescent element between the first and second electrodes;	Limitation identical and anticipated.
b) where the first electrode of each OLED element is reflective, or a reflector is located behind the OLED elements; and	b) where the first electrode of each OLED element is reflective, or a reflector is located behind the OLED elements; and	Limitation identical and anticipated.
c) a corresponding plurality of color filter elements aligned with the OLED elements, including first and second color filters for passing the first or second color of light emitted by the corresponding OLED element, and blocking other colors of light, wherein the first and second color filters pass greater than 80% of the first or second color of light emitted by the corresponding aligned OLED element.	c) a corresponding plurality of color filter elements aligned with the OLED elements, including first and second color filters for passing the first or second color of light emitted by the corresponding OLED element, and blocking other colors of light, wherein the first and second color filters pass greater than 80% of the first or second color of light emitted by the corresponding aligned OLED element.	Limitation identical and anticipated.

4. In accordance with 37 CFR §41.202(a)(4), Applicants will prevail on priority for at least the following reason:

The interfering '772 patent shows a filing date of June 12, 2002, and there appears to be no earlier claim as to priority.

The '698 application was filed October 10, 2000 and claims priority under 35 USC §119 to Japanese application serial nos. 11-290356 filed October 12, 1999 and 11-301770 filed October 22, 1999 in Japan – all of these dates being well before the U.S. filing date of the '772 patent.

5. In accordance with 37 CFR §41.202(a)(5), Applicants have added new Claim 56 to provoke an interference and is providing a claim chart showing the written description for Claim 56 in Applicants' specification and drawings as follows:

New claim	Applicant's disclosure
56. An OLED display device for displaying a color image, the display device being viewed from a front side, comprising:	Page 1, lns. 10-11 describe the invention of the '698 application as a OLED. See Fig. 20 and embodiment 9 on pages 53-55 for a specific embodiment of the OLED. Embodiment 8 (pages 50-53; Figs. 18A-19B) shows OLED display devices implementing the present invention and which are viewed from a front side.
a) a plurality of OLED elements including first color elements that emit a first color of light and second color elements that emit a second color of light different from the first color, each OLED element comprising a first electrode further from the front side, a second electrode closer to the front side, and an organic electroluminescent element between the first and second electrodes;	Figs. 11 and 20 disclose OLED elements with a first electrode (pixel electrode 346; page 30, lns. 4-5) which is further from the front side, a second electrode (350; page 31, lns. 19-20) which is closer to the front side, and an organic EL (electroluminescent) element (348 and 349; page 30, lns. 12-17; page 31, lns. 10-14) which is between the first (346) and second (349) electrodes. Page 53, lns. 21-23 state that only the differences between the display in Fig. 11 and Embodiment 9 with reference to Fig. 20 will be discussed. Hence, the above discussed elements from Fig. 11 are also shown in Fig.

New claim	Applicant's disclosure
	<p>20 (but are not discussed).</p> <p>Page 30, lns. 18-20 state "It is to be noted that only one pixel is illustrated in Embodiment 1. However, a light emitting layer luminescing red color, a light emitting layer luminescing green color, and a light emitting layer luminescing blue color are all formed at the same time at this point." See also page 54, lns. 16-18. Hence, the '698 application discloses a plurality of these OLED elements with first and second electrodes and an organic EL element, and including first color elements (e.g. light emitting layer luminescing red color) and second color elements (e.g. light emitting layer luminescing green color).</p>
<p>b) where the first electrode of each OLED element is reflective, or a reflector is located behind the OLED elements; and</p>	<p>Page 30, lns. 4-6 state that the pixel electrode 346 (first electrode) is an aluminum alloy film. Such a film is reflective. See page 17, lns. 9-10 which state that the pixel electrode (EL element cathode) is made from a highly reflective conductive film. Preferably this film is an aluminum and copper alloy. Lns. 13-14.</p>
<p>c) a corresponding plurality of color filter elements aligned with the OLED elements, including first and second color filters for passing the first or second color of light emitted by the corresponding OLED element, and blocking other colors of light, wherein the first and second color filters pass greater than 80% of the first or second color of light emitted by the corresponding aligned OLED element.</p>	<p>Fig. 20 discloses a plurality of color filters 2803 and 2804.</p> <p>Page 54, lns. 16-18 state "The color filters 2803 and 2804 are provided above each of the pixels to improve the color purity of the light emitted from the EL element." Hence, the plurality of color filters are aligned with the OLED elements.</p> <p>Further, page 30, lns. 18-23 state "a light emitting layer luminescing red color, a light emitting layer luminescing green color, and a light emitting layer luminescing blue color are all formed at the same time at this point. In Embodiment 1, a cyano-paraphenylene vinylene is used for forming the light emitting layer luminescing red color, a paraphenylene vinylene for the light emitting layer luminescing green color, and a polyalkylphenylene for the light emitting layer luminescing blue color." Hence, these layers</p>

New claim	Applicant's disclosure
	<p>are emitting a light of a certain color. It is well known to those skilled in the art that a color filter is intended to let this light through while blocking light of another color. This is consistent with the disclosure at page 54, lns. 16-18 that the color filters are provided to improve color purity. These passages show the feature of first and second color filters for passing the first or second color of light emitted by the corresponding OLED element, and blocking other colors of light.</p> <p>While the '698 application does not specifically recite that the first and second color filters pass greater than 80% of the first or second color of light emitted by the corresponding aligned OLED element, this is an obvious feature which would have been known to one of ordinary skill in the art. For example, this feature is shown in WO 99/39224 (copy enclosed with the IDS submitted herewith) which is directed to an optical filter pressed between a light emitting device, such as a plasma display device. Page 1, lns. 6-9 in WO '224. WO '224 discloses on page 11 that the optical filter uses a dielectric reflective layer as a filter layer and states that preferably for the dielectric reflective layer, the "transmittance of light in three primary color regions is preferably greater than 70%, particularly preferably greater than 80%." Page 11, lns. 18-25. Hence, one skilled in the art would recognize the passage of greater than 80% of light to be a desired goal and obvious feature of the color filter of the '698 application.</p>

6. In accordance with 37 CFR §41.202(a)(6), Applicants wish to be accorded the benefit of Japanese application serial nos. 11-290356 filed October 12, 1999 and 11-301770 filed October 22, 1999 in Japan.

Wherefore, it is respectfully requested that the Examiner declare an interference between

the present application and USP 6,911,772.

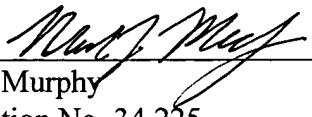
If any further information is necessary, it is requested that the Examiner contact the undersigned.

If any fee is necessary for this submission, amendment, or new claim, please charge our deposit account 50/1039.

Favorable consideration is earnestly solicited.

Respectfully submitted,

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